

Work Order ID 136792-1

September 09, 2015 8:43:46 AM

136792

Page 1

Item ID: D2652

Revision ID:

Item Name: Bushing

Start Date: 9/9/2015

Start Qty: 500.00

500

Required Date: 9/11/2015

Req'd Qty: 500.00

500

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: STA

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D2652

Rev A

100

0.00

100

Hardinge CNC LATHE SMALL

Hardinge

Memo

0.17

Hardinge CNC Lathe Small

1-TURN AS PER FOLIO FA252 & DWG D2652FOLIO
REV: N/A DWG REV: A 2-DEBURR AS REQUIRED

340 0

DAS
44
9-89 15/09/09

110

0.00

110

QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.08

Quality Control

340 0

DAS
44
9-89 15/09/09

120

0.00

120

QC8- Inspect parts - second check

QC

Memo

0.17

Quality Control

340 0

DAS
20
9-89 15/09-14

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER :			

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Item ID: D2652 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Bushing
 Start Date: 9/9/2015 Start Qty: 500.00 ***500*** Cust Item ID:
 Required Date: 9/11/2015 Req'd Qty: 500.00 ***500*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>St 34</i>	0.00							
130						<i>340</i>			
Packaging	Memo	0.08						<i>DAS</i>	<i>SEP 14 2015</i>
Packaging								<i>6</i>	
								<i>9-80</i>	
140	QC21- Final Inspection - Work Order Release	0.00							
140						<i>mw</i>			<i>SEP 15 2015</i>
QC	Memo	0.83							
Quality Control									

SH 20150915

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Picklist Print

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Work Order ID: 136792

136792

Parent Item: D2652

D2652

Parent Item Name: Bushing

Start Date: 9/9/2015

Required Date: 9/11/2015

Start Qty: 500.00

Required Qty: 500.00

Comments: IPP Rev:B02.06.13Now machined in house.NG

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M303R0.500		Purchased	No			100	f	62.1740	0.055	28.94737	DAS 44 9-89	15/09/09	
M303R0 500											**		
303 Round Bar 0.500"													

Location

Loc Qty

Loc Code

MAT

60

xm133038

60

MAT028

2.174

m132775

2.174

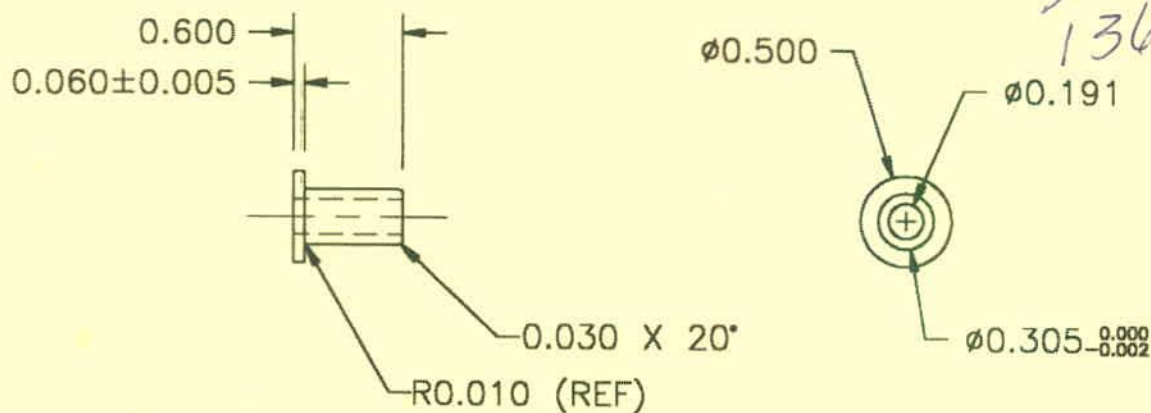
18'

2.174'



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE USA, INC. FAIRCHILD INTERNATIONAL AIRPORT, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2652	REV. A SHEET 1 OF 1
DATE 97:03:25		TITLE BUSHING	SCALE 1:1

RELEASED
97/04/25 DS



MATERIAL: AISI 303 SS
NOTE: BREAK ALL SHARP CORNERS 0.010 MAX
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

